

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

L Number	Hits	Search Text	DB	Time stamp
46	1	("5910894").PN.	USPAT;	2003/08/06
47	11	("4321679" "4796200" "4954005" "5005277" "5010634" "5155690" "5168453" "5211061" "5239739" "5272805" "5380978").PN.	US-PGPUB USPAT	09:55 2003/08/06 09:20
48	18	5910894.URPN.	USPAT	2003/08/06 09:40
49	2	((("6317954") or ("6484381"))).PN.	USPAT;	2003/08/06
50	141	(29/712).CCLS.	US-PGPUB USPAT;	10:12 2003/08/06
51	169	(29/407.09).CCLS.	US-PGPUB USPAT;	09:57 2003/08/06
52	289	(29/407.1).CCLS.	US-PGPUB USPAT;	09:57 2003/08/06
53	15	("4741497" "4845856" "4937768" "4945488" "4994989" "5005277" "5010634" "5023800" "5033014" "5148591" "5380978" "5671523" "5910894" "6014814" "6040903").PN.	USPAT	2003/08/06 09:58
54	0	6317954.URPN.	USPAT	2003/08/06 10:12
55	20	("4396945" "4741497" "4754415" "4845856" "4937768" "4945488" "4994989" "5005277" "5010634" "5023800" "5033014" "5148591" "5380978" "5671523" "5696673" "5715167" "5805287" "5910894" "6014814" "6040903").PN.	USPAT	2003/08/06 10:12
56	5	((("4396945" "4741497" "4754415" "4845856" "4937768" "4945488" "4994989" "5005277" "5010634" "5023800" "5033014" "5148591" "5380978" "5671523" "5696673" "5715167" "5805287" "5910894" "6014814" "6040903").PN.) not ("4741497" "4845856" "4937768" "4945488" "4994989" "5005277" "5010634" "5023800" "5033014" "5148591" "5380978" "5671523" "5910894" "6014814" "6040903").PN.)	USPAT; US-PGPUB	2003/08/06 10:14
57	1	("6484381").PN.	USPAT;	2003/08/06
58	0	6484381.URPN.	US-PGPUB USPAT	10:14 2003/08/06 10:14
59	4	"19502459"	USPAT; US-PGPUB; EPO; JPO;	2003/08/06 10:15
60	2	wo-9428375-\$.did.	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/08/06 10:16
61	715	((700/258-259) or (700/116) or (700/192)).CCLS.	DERWENT USPAT;	2003/08/06 10:16
62	1150	((29/407.09).CCLS.) or ((29/407.1).CCLS.) or (((700/258-259) or (700/116) or (700/192)).CCLS.)	US-PGPUB USPAT; US-PGPUB	2003/08/06 10:16
63	757	((29/407.09).CCLS.) or ((29/407.1).CCLS.) or (((700/258-259) or (700/116) or (700/192)).CCLS.)) and (stor\$4 or memory or reader or IC or (integrated adj circuit))	USPAT; US-PGPUB	2003/08/06 10:19

64	145	((29/407.09).CCLS.) or ((29/407.1).CCLS.) or (((700/258-259) or (700/116) or (700/192)).CCLS.)) and ((stor\$4 or memory or reader or IC or (integrated adj circuit)) same (attach\$4 or affix\$4 or fix\$4 or connect\$4 or mount\$4) same (work or workpiece))	USPAT; US-PGPUB	2003/08/06 10:46
65	286	((29/712).CCLS.) or (((29/407.09).CCLS.) or ((29/407.1).CCLS.) or (((700/258-259) or (700/116) or (700/192)).CCLS.)) and ((stor\$4 or memory or reader or IC or (integrated adj circuit)) same (attach\$4 or affix\$4 or fix\$4 or connect\$4 or mount\$4) same (work or workpiece)))	USPAT; US-PGPUB	2003/08/06 10:47
66	271	((29/407.1).CCLS.) not (((29/712).CCLS.) or (((29/407.09).CCLS.) or ((29/407.1).CCLS.) or (((700/258-259) or (700/116) or (700/192)).CCLS.)) and ((stor\$4 or memory or reader or IC or (integrated adj circuit)) same (attach\$4 or affix\$4 or fix\$4 or connect\$4 or mount\$4) same (work or workpiece))))	USPAT; US-PGPUB	2003/08/06 10:47
-	4	"6158666"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 09:23
-	3	("4662556" "5323962" "5562043").PN.	USPAT	2003/07/30 09:23
-	1	("6357101").PN.	USPAT; US-PGPUB	2003/07/30 09:39
-	20	("3796506" "4604006" "4854491" "4858289" "4862043" "4908928" "4990805" "5390732" "5535498" "5555616" "5621963" "5685058" "5774968" "6011482" "6073326" "6088897" "6134940" "6158666" "6172374" "6210084").PN.	USPAT	2003/07/30 09:24
-	9	Hazlehurst-L\$.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 09:40
-	3	Philpott-B\$.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 09:41
-	1	Philpott-B\$.in. not Hazlehurst-L\$.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 09:41
-	10	Philpott-B\$.in. or Hazlehurst-L\$.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 09:41
-	34	Buttrick-J\$.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 09:41
-	32	Buttrick-J\$.in. not (Philpott-B\$.in. or Hazlehurst-L\$.in.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 09:47

-	42	Buttrick-J\$.in. or (Philpott-B\$.in. or Hazlehurst-L\$.in.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 09:47
-	3052	Jones-D\$.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 09:47
-	39	Jones-Darrell\$.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 09:47
-	25	Jones-Darrell\$.in. not (Buttrick-J\$.in. or (Philpott-B\$.in. or Hazlehurst-L\$.in.))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 09:49
-	39	Jones-Darrell\$.in. or (Jones-Darrell\$.in. not (Buttrick-J\$.in. or (Philpott-B\$.in. or Hazlehurst-L\$.in.)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 09:49
-	67	Jones-Darrell\$.in. or (Buttrick-J\$.in. or (Philpott-B\$.in. or Hazlehurst-L\$.in.))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 09:49
-	7	Papanikolaou-K\$.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 09:49
-	0	Papanikolaou-K\$.in. not (Jones-Darrell\$.in. or (Buttrick-J\$.in. or (Philpott-B\$.in. or Hazlehurst-L\$.in.)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 09:49
-	211	Banks-D\$.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 09:50
-	83	Banks-David\$.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 09:50
-	69	Banks-David\$.in. not (Jones-Darrell\$.in. or (Buttrick-J\$.in. or (Philpott-B\$.in. or Hazlehurst-L\$.in.)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 09:51
-	136	Banks-David\$.in. or (Jones-Darrell\$.in. or (Buttrick-J\$.in. or (Philpott-B\$.in. or Hazlehurst-L\$.in.)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 09:52
-	91	Rowe-T\$.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 09:52
-	1	Rowe-Terrence\$.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 09:52

-	0	Rowe-Terrence\$.in. not (Banks-David\$.in. or (Jones-Darrell\$.in. or (Buttrick-J\$.in. or (Philpott-B\$.in. or Hazlehurst-L\$.in.))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 09:52
-	4	Outous-R\$.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 09:52
-	2	Outous-R\$.in. not (Banks-David\$.in. or (Jones-Darrell\$.in. or (Buttrick-J\$.in. or (Philpott-B\$.in. or Hazlehurst-L\$.in.))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 09:52
-	138	Outous-R\$.in. or (Banks-David\$.in. or (Jones-Darrell\$.in. or (Buttrick-J\$.in. or (Philpott-B\$.in. or Hazlehurst-L\$.in.))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 09:52
-	12	Glaisyer-C\$.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 09:53
-	0	Glaisyer-C\$.in. not (Outous-R\$.in. or (Banks-David\$.in. or (Jones-Darrell\$.in. or (Buttrick-J\$.in. or (Philpott-B\$.in. or Hazlehurst-L\$.in.))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 09:53
-	78	Townsend-H\$.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 09:53
-	3	Townsend-Harry\$.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 09:53
-	2	Townsend-Harry\$.in. not (Outous-R\$.in. or (Banks-David\$.in. or (Jones-Darrell\$.in. or (Buttrick-J\$.in. or (Philpott-B\$.in. or Hazlehurst-L\$.in.))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 09:53
-	140	Townsend-Harry\$.in. or (Outous-R\$.in. or (Banks-David\$.in. or (Jones-Darrell\$.in. or (Buttrick-J\$.in. or (Philpott-B\$.in. or Hazlehurst-L\$.in.))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 09:53
-	40	Boberg-M\$.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 09:54
-	2	Boberg-Mark\$.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 09:54
-	1	Boberg-Mark\$.in. not (Townsend-Harry\$.in. or (Outous-R\$.in. or (Banks-David\$.in. or (Jones-Darrell\$.in. or (Buttrick-J\$.in. or (Philpott-B\$.in. or Hazlehurst-L\$.in.))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 09:54
-	141	Boberg-Mark\$.in. or (Townsend-Harry\$.in. or (Outous-R\$.in. or (Banks-David\$.in. or (Jones-Darrell\$.in. or (Buttrick-J\$.in. or (Philpott-B\$.in. or Hazlehurst-L\$.in.))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 09:54

-	119	Nelson-Paul\$.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 09:54
-	29	Nelson-Paul-E\$.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 09:54
-	28	Nelson-Paul-E\$.in. not (Boberg-Mark\$.in. or (Townsend-Harry\$.in. or (Outous-R\$.in. or (Banks-David\$.in. or (Jones-Darrell\$.in. or (Buttrick-J\$.in. or (Philpott-B\$.in. or Hazlehurst-L\$.in.)))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 09:59
-	169	Nelson-Paul-E\$.in. or (Boberg-Mark\$.in. or (Townsend-Harry\$.in. or (Outous-R\$.in. or (Banks-David\$.in. or (Jones-Darrell\$.in. or (Buttrick-J\$.in. or (Philpott-B\$.in. or Hazlehurst-L\$.in.)))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 09:59
-	288	Porter-John\$.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 09:59
-	61	Porter-John-R\$.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 09:59
-	60	Porter-John-R\$.in. not (Nelson-Paul-E\$.in. or (Boberg-Mark\$.in. or (Townsend-Harry\$.in. or (Outous-R\$.in. or (Banks-David\$.in. or (Jones-Darrell\$.in. or (Buttrick-J\$.in. or (Philpott-B\$.in. or Hazlehurst-L\$.in.)))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 10:00
-	229	Porter-John-R\$.in. or (Nelson-Paul-E\$.in. or (Boberg-Mark\$.in. or (Townsend-Harry\$.in. or (Outous-R\$.in. or (Banks-David\$.in. or (Jones-Darrell\$.in. or (Buttrick-J\$.in. or (Philpott-B\$.in. or Hazlehurst-L\$.in.)))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/31 08:15
-	11245	Boeing	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 10:00
-	9551	Boeing\$.asn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 10:00
-	11245	Boeing or Boeing\$.asn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 10:01
-	524	(Boeing or Boeing\$.asn.) and (drill\$4 or rivet\$4 or assemble or assembles or assembling) and (detect\$4 or sens\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 10:02

-	501	((Boeing or Boeing\$.asn.) and (drill\$4 or rivet\$4 or assemble or assembles or assembling) and (detect\$4 or sens\$4)) not (Porter-John-R\$.in. or (Nelson-Paul-E\$.in. or (Boberg-Mark\$.in. or (Townsend-Harry\$.in. or (Outous-R\$.in. or (Banks-David\$.in. or (Jones-Darrell\$.in. or (Buttrick-J\$.in. or (Philpott-B\$.in. or Hazlehurst-L\$.in.)))))))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 10:02
-	436	((Boeing or Boeing\$.asn.) and (drill\$4 or rivet\$4 or assemble or assembles or assembling) and (detect\$4 or sens\$4)) not (Porter-John-R\$.in. or (Nelson-Paul-E\$.in. or (Boberg-Mark\$.in. or (Townsend-Harry\$.in. or (Outous-R\$.in. or (Banks-David\$.in. or (Jones-Darrell\$.in. or (Buttrick-J\$.in. or (Philpott-B\$.in. or Hazlehurst-L\$.in.))))))))) and (locator or index\$4 or reference or datum)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 10:03
-	148	((Boeing or Boeing\$.asn.) and (drill\$4 or rivet\$4 or assemble or assembles or assembling) and (detect\$4 or sens\$4)) not (Porter-John-R\$.in. or (Nelson-Paul-E\$.in. or (Boberg-Mark\$.in. or (Townsend-Harry\$.in. or (Outous-R\$.in. or (Banks-David\$.in. or (Jones-Darrell\$.in. or (Buttrick-J\$.in. or (Philpott-B\$.in. or Hazlehurst-L\$.in.))))))))) and ((locator or index\$4 or reference or datum) same (work or workpiece))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/31 08:16
-	12	(("3999276") or ("4282512") or ("4310964") or ("4517512") or ("4674181") or ("5220718") or ("5373764") or ("5621970") or ("5664311") or ("5701945") or ("5896637") or ("6038929")).PN.	USPAT; US-PGPUB	2003/07/30 13:22
-	10	Northrup adj Grumman	USPAT; US-PGPUB	2003/07/30 13:24
-	0	Northrup-Grumman.asn.	USPAT; US-PGPUB	2003/07/30 13:24
-	0	Northrup-Grumman.an.	USPAT; US-PGPUB	2003/07/30 13:24
-	1078	Northrop adj Grumman	USPAT; US-PGPUB	2003/07/30 13:25
-	10	Northrop-Grumman.asn.	USPAT; US-PGPUB	2003/07/30 13:24
-	0	Northrop-Grumman.an.	USPAT; US-PGPUB	2003/07/30 13:24
-	1021	Northrop-Grumman\$.asn.	USPAT; US-PGPUB	2003/07/30 13:25
-	1079	(Northrop adj Grumman) or Northrop-Grumman\$.asn.	USPAT; US-PGPUB	2003/07/30 13:24
-	2284	Northrop adj Grumman	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 13:25
-	1021	Northrop-Grumman\$.asn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 13:25
-	2285	(Northrop adj Grumman) or Northrop-Grumman\$.asn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 13:25

-	44	((Northrop adj Grumman) or Northrop-Grumman\$.asn.) and ((locator or index\$4 or reference or datum) same (work or workpiece))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/31 08:15
-	37	Sarh\$.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 13:48
-	140	(29/712).CCLS.	USPAT; US-PGPUB	2003/07/30 13:50
-	148	((Boeing or Boeing\$.asn.) and (drill\$4 or rivet\$4 or assemble or assembles or assembling) and (detect\$4 or sens\$4)) not (Porter-John-R\$.in. or (Nelson-Paul-E\$.in. or (Boberg-Mark\$.in. or (Townsend-Harry\$.in. or (Outous-R\$.in. or (Banks-David\$.in. or (Jones-Darrell\$.in. or (Buttrick-J\$.in. or (Philpott-B\$.in. or Hazlehurst-L\$.in.))))))))) and ((locator or index\$4 or reference or datum) same (work or workpiece))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 13:49
-	229	Porter-John-R\$.in. or (Nelson-Paul-E\$.in. or (Boberg-Mark\$.in. or (Townsend-Harry\$.in. or (Outous-R\$.in. or (Banks-David\$.in. or (Jones-Darrell\$.in. or (Buttrick-J\$.in. or (Philpott-B\$.in. or Hazlehurst-L\$.in.)))))))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 13:49
-	377	((Boeing or Boeing\$.asn.) and (drill\$4 or rivet\$4 or assemble or assembles or assembling) and (detect\$4 or sens\$4)) not (Porter-John-R\$.in. or (Nelson-Paul-E\$.in. or (Boberg-Mark\$.in. or (Townsend-Harry\$.in. or (Outous-R\$.in. or (Banks-David\$.in. or (Jones-Darrell\$.in. or (Buttrick-J\$.in. or (Philpott-B\$.in. or Hazlehurst-L\$.in.))))))))) and ((locator or index\$4 or reference or datum) same (work or workpiece)) or (Porter-John-R\$.in. or (Nelson-Paul-E\$.in. or (Boberg-Mark\$.in. or (Townsend-Harry\$.in. or (Outous-R\$.in. or (Banks-David\$.in. or (Jones-Darrell\$.in. or (Buttrick-J\$.in. or (Philpott-B\$.in. or Hazlehurst-L\$.in.)))))))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/30 13:49
-	140	((29/712).CCLS.) not (((Boeing or Boeing\$.asn.) and (drill\$4 or rivet\$4 or assemble or assembles or assembling) and (detect\$4 or sens\$4)) not (Porter-John-R\$.in. or (Nelson-Paul-E\$.in. or (Boberg-Mark\$.in. or (Townsend-Harry\$.in. or (Outous-R\$.in. or (Banks-David\$.in. or (Jones-Darrell\$.in. or (Buttrick-J\$.in. or (Philpott-B\$.in. or Hazlehurst-L\$.in.))))))))) and ((locator or index\$4 or reference or datum) same (work or workpiece)) or (Porter-John-R\$.in. or (Nelson-Paul-E\$.in. or (Boberg-Mark\$.in. or (Townsend-Harry\$.in. or (Outous-R\$.in. or (Banks-David\$.in. or (Jones-Darrell\$.in. or (Buttrick-J\$.in. or (Philpott-B\$.in. or Hazlehurst-L\$.in.)))))))))	USPAT; US-PGPUB	2003/07/30 15:21
-	1	"20020170397"	DERWENT	2003/07/30 15:41

-	1	jp-05038607-\$.did.	EPO; JPO; DERWENT	2003/07/30 15:41
-	44	((Northrop adj Grumman) or Northrop-Grumman\$.asn.) and ((locator or index\$4 or reference or datum) same (work or workpiece))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/31 08:15
-	229	Porter-John-R\$.in. or (Nelson-Paul-E\$.in. or (Boberg-Mark\$.in. or (Townsend-Harry\$.in. or (Outous-R\$.in. or (Banks-David\$.in. or (Jones-Darrell\$.in. or (Buttrick-J\$.in. or (Philpott-B\$.in. or Hazlehurst-L\$.in.)))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/31 08:15
-	148	((Boeing or Boeing\$.asn.) and (drill\$4 or rivet\$4 or assemble or assembles or assembling) and (detect\$4 or sens\$4)) not (Porter-John-R\$.in. or (Nelson-Paul-E\$.in. or (Boberg-Mark\$.in. or (Townsend-Harry\$.in. or (Outous-R\$.in. or (Banks-David\$.in. or (Jones-Darrell\$.in. or (Buttrick-J\$.in. or (Philpott-B\$.in. or Hazlehurst-L\$.in.))))) and ((locator or index\$4 or reference or datum) same (work or workpiece))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/31 08:16
-	140	(29/712).CCLS.	USPAT; US-PGPUB	2003/07/31 08:16
-	485	((Northrop adj Grumman) or Northrop-Grumman\$.asn.) and ((locator or index\$4 or reference or datum) same (work or workpiece)) or (Porter-John-R\$.in. or (Nelson-Paul-E\$.in. or (Boberg-Mark\$.in. or (Townsend-Harry\$.in. or (Outous-R\$.in. or (Banks-David\$.in. or (Jones-Darrell\$.in. or (Buttrick-J\$.in. or (Philpott-B\$.in. or Hazlehurst-L\$.in.))))) or (((Boeing or Boeing\$.asn.) and (drill\$4 or rivet\$4 or assemble or assembles or assembling) and (detect\$4 or sens\$4)) not (Porter-John-R\$.in. or (Nelson-Paul-E\$.in. or (Boberg-Mark\$.in. or (Townsend-Harry\$.in. or (Outous-R\$.in. or (Banks-David\$.in. or (Jones-Darrell\$.in. or (Buttrick-J\$.in. or (Philpott-B\$.in. or Hazlehurst-L\$.in.))))) and ((locator or index\$4 or reference or datum) same (work or workpiece)) or ((29/712).CCLS.)	USPAT; US-PGPUB	2003/07/31 08:17
-	162	(29/701).CCLS.	USPAT; US-PGPUB	2003/07/31 08:17
-	289	(29/720).CCLS.	USPAT; US-PGPUB	2003/07/31 08:17
-	219	(29/721).CCLS.	USPAT; US-PGPUB	2003/07/31 08:17

-	206	((29/721).CCLS.) not (((Northrop adj Grumman) or Northrop-Grumman\$.asn.) and ((locator or index\$4 or reference or datum) same (work or workpiece))) or (Porter-John-R\$.in. or (Nelson-Paul-E\$.in. or (Boberg-Mark\$.in. or (Townsend-Harry\$.in. or (Outous-R\$.in. or (Banks-David\$.in. or (Jones-Darrell\$.in. or (Buttrick-J\$.in. or (Philpott-B\$.in. or Hazlehurst-L\$.in.))))))))) or (((Boeing or Boeing\$.asn.) and (drill\$4 or rivet\$4 or assemble or assembles or assembling) and (detect\$4 or sens\$4)) not (Porter-John-R\$.in. or (Nelson-Paul-E\$.in. or (Boberg-Mark\$.in. or (Townsend-Harry\$.in. or (Outous-R\$.in. or (Banks-David\$.in. or (Jones-Darrell\$.in. or (Buttrick-J\$.in. or (Philpott-B\$.in. or Hazlehurst-L\$.in.))))))))) and ((locator or index\$4 or reference or datum) same (work or workpiece))) or ((29/712).CCLS.))	USPAT; US-PGPUB	2003/08/06 09:57
---	-----	--	--------------------	---------------------